

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits  | Search Query  | DBs                          | Default Operator | Plurals | Time Stamp          |
|-------|-------|---|------------------------------|------------------|---------|---------------------|
| L1    | 6     | (identif\$6 mark\$3 record\$3 stor\$3)near10((Internet near5 Key near5 Exchange security near5 associations)(IKE near3 SAs))near10(((no "not")near5 (us\$3 used))discard\$3 expir \$4 in\$3active dead)   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2010/12/15<br>11:04 |
| L2    | 4     | 1 and (@ad< "20040329" @rlad< "20040329")   | US-PGPUB;<br>USPAT           | OR               | ON      | 2010/12/15<br>11:05 |
| L3    | 595   | (identif\$6 mark\$3 record\$3 stor\$3 noting)near10 (processor near5 (utilization use us\$3))near10((gate near5 way) router switch)   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2010/12/15<br>11:28 |
| L4    | 595   | (identif\$6 mark\$3 record\$3 stor\$3 noting)near10 (processor near5 (utilization use us\$3))near10((gate adj3 way) router switch)  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2010/12/15<br>11:29 |
| L5    | 0     | 2 and 4   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2010/12/15<br>11:29 |
| L6    | 0     | 1 and 4   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2010/12/15<br>11:29 |
| L7    | 13070 | (monitor\$3 poll\$6 check\$6 audit\$4 observ\$4 record\$4 review\$3 study\$3 test\$3)near5 (gate\$way router firewall switch)near5(status health (operating adj3 parameters) parameter perform\$6 (perform \$6 adj2 (parameters statistic measur\$6 data information))) | US-PGPUB;<br>USPAT           | OR               | ON      | 2010/12/15<br>11:31 |
| L8    | 9     | (parameter)near5(through \$put)and (processor adj3 (utilization use))   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2010/12/15<br>11:32 |
| L9    | 1777  | (parameter data status statist \$4)near10((through\$put)and (processor adj3 (utilization use us\$3)))   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2010/12/15<br>11:34 |
| L10   | 17    | 7 and 9   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2010/12/15<br>11:35 |

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|-----|------|--|------------------------------|----|----|---------------------|
| L11 | 0    | 4 and 10   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2010/12/15<br>11:37 |
| L12 | 0    | 2 and 10   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2010/12/15<br>11:37 |
| L13 | 16   | 10 and (@ad<"20040329"<br>@rlad<"20040329")  | US-PGPUB;<br>USPAT           | OR | ON | 2010/12/15<br>11:38 |
| L16 | 22   | (US-20020067742-\$ or US-<br>20040030533-\$ or US-<br>20040139179-\$ or US-<br>20060264200-\$ or US-<br>20030177245-\$ or US-<br>20080189353-\$ or US-<br>20030182438-\$ or US-<br>20030050055-\$ or US-<br>20020059516-\$ or US-<br>20030123446-\$ or US-<br>20040151129-\$ or US-<br>20040266426-\$ or US-<br>20090245122-\$ or US-<br>20070160201-\$).did. or (US-<br>6556659-\$ or US-6795400-\$<br>or US-5623601-\$ or US-<br>6571285-\$ or US-6115393-\$<br>or US-5748633-\$ or US-<br>6490620-\$ or US-7225249-\$).<br>did. | US-PGPUB;<br>USPAT           | OR | ON | 2010/12/15<br>11:54 |
| L17 | 5    | L16 and((processor computer<br>cpu)near8(utilization use))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2010/12/15<br>11:54 |
| L18 | 0    | 4 and L17  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2010/12/15<br>11:54 |
| L19 | 0    | 2 and 17   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2010/12/15<br>11:55 |
| L20 | 6603 | ((Internet near5 Key near5<br>Exchange security near5<br>associations)(IKE near3 SA))  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2010/12/15<br>11:55 |
| L21 | 1    | 17 and 20  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2010/12/15<br>11:55 |
| S1  | 1    | 10/811730  | US-PGPUB;<br>USPAT           | OR | ON | 2009/01/18<br>16:16 |
| S2  | 292  | (inter\$network (inter adj2<br>network))near3(gateway)   | US-PGPUB;<br>USPAT           | OR | ON | 2009/01/18<br>16:20 |
| S3  | 751  | (network near3 fault near3<br>management)  | US-PGPUB;<br>USPAT           | OR | ON | 2009/01/18<br>16:20 |
| S4  | 279  | (network near3 performance<br>near3 tool)  | US-PGPUB;<br>USPAT           | OR | ON | 2009/01/18<br>16:21 |

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|-----|------|--|--------------------|----|----|---------------------|
| S5  | 2    | S2 and S3 and S4   | US-PGPUB;<br>USPAT | OR | ON | 2009/01/18<br>16:22 |
| S6  | 5    | S3 same S4   | US-PGPUB;<br>USPAT | OR | ON | 2009/01/18<br>16:28 |
| S7  | 5    | S6 and (@ad< "20040329"<br>@rlad< "20040329")  | US-PGPUB;<br>USPAT | OR | ON | 2009/01/18<br>16:29 |
| S8  | 786  | (inter\$network (inter adj2<br>network))near3(gateway<br>router)   | US-PGPUB;<br>USPAT | OR | ON | 2009/01/18<br>17:02 |
| S9  | 2    | S8 and S3 and S4   | US-PGPUB;<br>USPAT | OR | ON | 2009/01/18<br>17:03 |
| S10 | 2    | ((network and asset)near5<br>(discovery)) and(fault near3<br>management)   | US-PGPUB;<br>USPAT | OR | ON | 2009/01/18<br>17:11 |
| S11 | 20   | ("5097469"   "5546540"  <br>"5615323"   "6115393"  <br>"6115743"   "6126169"  <br>"6192414"   "6278694"  <br>"6320585"   "6363411"  <br>"6377993"   "6470386"  <br>"6490620"   "6515968"  <br>"6556659"   "6598167"  <br>"6606708"   "6615258"  <br>"6631402"   "6697751").PN. | US-PGPUB;<br>USPAT | OR | ON | 2009/01/18<br>17:21 |
| S12 | 0    | S11 and S3   | US-PGPUB;<br>USPAT | OR | ON | 2009/01/18<br>18:02 |
| S13 | 0    | S3 and S11   | US-PGPUB;<br>USPAT | OR | ON | 2009/01/18<br>18:02 |
| S14 | 0    | S4 and S11   | US-PGPUB;<br>USPAT | OR | ON | 2009/01/18<br>18:03 |
| S15 | 3520 | (network near3 (fault monitor<br>\$3) near3 management)  | US-PGPUB;<br>USPAT | OR | ON | 2009/01/18<br>18:03 |
| S16 | 7    | S15 and S11  | US-PGPUB;<br>USPAT | OR | ON | 2009/01/18<br>18:03 |
| S17 | 1212 | (poll\$3 check\$3 monitor\$3)<br>near5(gate\$way router switch)<br>near5(parameter<br>performance)   | US-PGPUB;<br>USPAT | OR | ON | 2009/01/18<br>18:24 |
| S18 | 1278 | (poll\$3 check\$3 monitor\$3)<br>near5(gate\$way router switch)<br>near5(parameter performance<br>behavior)  | US-PGPUB;<br>USPAT | OR | ON | 2009/01/18<br>18:25 |
| S19 | 49   | (poll\$3 check\$3 monitor\$3)<br>near5(gate\$way router switch)<br>near5(parameter performance<br>behavior).ab.  | US-PGPUB;<br>USPAT | OR | ON | 2009/01/18<br>18:26 |
| S20 | 40   | S19 and (@ad< "20040329"<br>@rlad< "20040329")   | US-PGPUB;<br>USPAT | OR | ON | 2009/01/18<br>18:26 |

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|-----|--------|--|-----------------|----|----|------------------|
| S21 | 7      | (US-20020067742-\$ or US-20040030533-\$ or US-20040139179-\$ or US-20060264200-\$ or US-20030177245-\$).did. or (US-6556659-\$ or US-6795400-\$). did.           | US-PGPUB; USPAT | OR | ON | 2009/01/18 23:31 |
| S22 | 0      | S21 and (Ip\$sec (internet near3 key near3 exchange) (IP \$sec near3 tunnel))  | US-PGPUB; USPAT | OR | ON | 2009/01/18 23:33 |
| S23 | 0      | S11 and (Ip\$sec (internet near3 key near3 exchange) (IP \$sec near3 tunnel))  | US-PGPUB; USPAT | OR | ON | 2009/01/18 23:33 |
| S24 | 1      | S11 and (Ip\$sec (internet near3 key near3 exchange) (IP \$sec near3 tunnel)(CLI (command near3 line near3 interface)))  | US-PGPUB; USPAT | OR | ON | 2009/01/18 23:34 |
| S25 | 1      | S11 and (Ip\$sec (internet near3 protocol near3 security) (internet near3 key near3 exchange) (IP\$sec near3 tunnel)(CLI (command near3 line near3 interface)))  | US-PGPUB; USPAT | OR | ON | 2009/01/18 23:36 |
| S26 | 5834   | (Ip\$sec (internet near3 protocol near3 security) and (internet near3 key near3 exchange)and(IP\$sec near3 tunnel)and(CLI (command near3 line near3 interface))) | US-PGPUB; USPAT | OR | ON | 2009/01/18 23:36 |
| S27 | 116878 | (network near3(performance management maint\$6 administing admistration monitor\$3))   | US-PGPUB; USPAT | OR | ON | 2009/01/18 23:40 |
| S28 | 2828   | S26 and S27  | US-PGPUB; USPAT | OR | ON | 2009/01/18 23:40 |
| S29 | 2679   | S26 and S27 and(fault manag \$6)   | US-PGPUB; USPAT | OR | ON | 2009/01/18 23:42 |
| S30 | 1877   | S29 and (@ad<"20040329" @rlad<"20040329")  | US-PGPUB; USPAT | OR | ON | 2009/01/18 23:43 |
| S31 | 71167  | "709".clas.  | US-PGPUB; USPAT | OR | ON | 2009/01/18 23:43 |
| S32 | 729    | S30 and S31  | US-PGPUB; USPAT | OR | ON | 2009/01/18 23:43 |
| S33 | 333    | S26 and S27 and(fault manag \$6)and(different near3 network near3 (technologies standards types))  | US-PGPUB; USPAT | OR | ON | 2009/01/18 23:44 |
| S34 | 205    | S33 and (@ad<"20040329" @rlad<"20040329")  | US-PGPUB; USPAT | OR | ON | 2009/01/18 23:44 |

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|-----|-------|--|------------------------------|----|-----|---------------------|
| S35 | 110   | S33 and S31  | US-PGPUB;<br>USPAT           | OR | ON  | 2009/01/18<br>23:45 |
| S36 | 89    | S35 and (@ad<"20040329"<br>@rlad<"20040329")   | US-PGPUB;<br>USPAT           | OR | ON  | 2009/01/18<br>23:45 |
| S37 | 5834  | (Ip\$sec (internet near3<br>protocol near3 security) and<br>(internet adj3 key adj3<br>exchange)and(IP\$sec near3<br>tunnel)and(CLI (command<br>near3 line near3 interface)))  | US-PGPUB;<br>USPAT           | OR | ON  | 2009/01/19<br>00:27 |
| S38 | 5834  | (Ip\$sec (internet near3<br>protocol near3 security) and<br>(internet adj3 key adj3<br>exchange)and(IP\$sec near3<br>tunnel)and(command near3<br>line near3 interface))  | US-PGPUB;<br>USPAT           | OR | ON  | 2009/01/19<br>00:34 |
| S39 | 14    | ((Ip\$sec (internet near3<br>protocol near3 security)) and<br>(internet adj3 key adj3<br>exchange)and(IP\$sec near3<br>tunnel)and(command near3<br>line near3 interface))  | US-PGPUB;<br>USPAT           | OR | ON  | 2009/01/19<br>00:34 |
| S40 | 11    | S39 and (@ad<"20040329"<br>@rlad<"20040329")   | US-PGPUB;<br>USPAT           | OR | ON  | 2009/01/19<br>00:34 |
| S41 | 8459  | 709/224.ccls.  | US-PGPUB;<br>USPAT           | OR | ON  | 2009/01/19<br>02:17 |
| S42 | 0     | S39 and S41  | US-PGPUB;<br>USPAT           | OR | ON  | 2009/01/19<br>02:17 |
| S43 | 0     | S39 and (fault near5<br>managment)   | US-PGPUB;<br>USPAT           | OR | ON  | 2009/01/19<br>02:17 |
| S44 | 0     | S39 and (fault near5<br>(managment detection<br>monitor))  | US-PGPUB;<br>USPAT           | OR | ON  | 2009/01/19<br>02:17 |
| S45 | 283   | Worldcom.as.   | US-PGPUB;<br>USPAT           | OR | ON  | 2009/01/19<br>02:19 |
| S46 | 0     | (gate\$way near5 (between)<br>near5 (Internet and ((frame<br>adj2 relay adj2 network)<br>((ATM (asynchronous adj2<br>transfer adj2 mode))adj2<br>network)(private adj2 internet<br>adj2 protocol adj2 network)<br>(internet adj2 protocol adj2<br>virtual adj2 private adj2<br>network)))) | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/02/04<br>13:18 |
| S47 | 12931 | ((ATM (asynchronous adj2<br>transfer adj2 mode))adj2<br>network)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/02/04<br>13:23 |
| S48 | 2199  | (frame adj2 relay adj2<br>network)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/02/04<br>13:24 |

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|-----|------|--|------------------------------|----|-----|---------------------|
| S49 | 291  | (private adj2 internet adj2 protocol adj2 network)<br>(internet adj2 protocol adj2 virtual adj2 private adj2 network)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/02/04<br>13:24 |
| S50 | 245  | (gate\$way router firewall)<br>near5 (two near3 different near3 networks)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/02/04<br>13:25 |
| S51 | 18   | S50 and (S47 S48 S49)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/02/04<br>13:26 |
| S52 | 17   | S51 and (@ad<"20040329"<br>@rlad<"20040329")   | US-PGPUB;<br>USPAT           | OR | ON  | 2010/02/04<br>13:26 |
| S53 | 2488 | (monitor\$3 poll\$6 check\$6 audit\$4 observ\$4 record\$4 review\$3 study\$3 test\$3)near5<br>(gate\$way router firewall)<br>near5(status health<br>(operating adj3 parameters)<br>parameter perform\$6 (perform<br>\$6 adj2 (parameters statistic measur\$6 data information)))   | US-PGPUB;<br>USPAT           | OR | ON  | 2010/02/04<br>13:33 |
| S54 | 2    | S52 and S53  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/02/04<br>13:33 |
| S55 | 1689 | S53 and (@ad<"20040329"<br>@rlad<"20040329")   | US-PGPUB;<br>USPAT           | OR | ON  | 2010/02/04<br>14:00 |
| S56 | 41   | S55 and (gate\$way adj2 fire<br>\$2wall)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/02/04<br>14:01 |
| S57 | 16   | S56 and ((Internet) and(S47<br>S48 S49))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/02/04<br>14:02 |
| S58 | 269  | ((inter\$2network (inter adj2<br>network))near3(gate\$way))  | US-PGPUB;<br>USPAT           | OR | ON  | 2010/02/06<br>11:45 |
| S59 | 22   | ("20020067742"  <br>"20080189353"   "5097469"  <br>"5546540"   "5615323"  <br>"6115393"   "6115743"  <br>"6126169"   "6192414"  <br>"6278694"   "6320585"  <br>"6363411"   "6377993"  <br>"6470386"   "6490620"  <br>"6515968"   "6556659"  <br>"6556659"   "6598167"  <br>"6606708"   "6615258"  <br>"6631402"   "6697751").PN. | US-PGPUB;<br>USPAT           | OR | ON  | 2010/02/06<br>11:45 |
| S60 | 18   | ((secure)near5(inter<br>\$2network (inter adj2<br>network))near3(gate\$way))   | US-PGPUB;<br>USPAT           | OR | ON  | 2010/02/06<br>13:06 |
| S61 | 18   | S60 and (@ad<"20040329"<br>@rlad<"20040329")   | US-PGPUB;<br>USPAT           | OR | ON  | 2010/02/06<br>13:06 |

|     |       |   |                              |    |     |                     |
|-----|-------|---|------------------------------|----|-----|---------------------|
| S62 | 0     | S61 and (IP\$sec adj3 tunnel)   | US-PGPUB;<br>USPAT           | OR | ON  | 2010/02/06<br>13:15 |
| S63 | 17    | S61 and (IP\$sec)   | US-PGPUB;<br>USPAT           | OR | ON  | 2010/02/06<br>13:15 |
| S64 | 78653 | ((ATM (asynchronous adj2<br>transfer adj2 mode))adj2<br>network)(frame adj2 relay<br>adj2 network)(private adj2<br>internet adj2 protocol adj2<br>network)(internet adj2<br>protocol adj2 virtual adj2<br>private adj2 network)(IPVPN)<br>(PIP) | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/02/06<br>13:18 |
| S65 | 0     | S63 and S64   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/02/06<br>13:19 |
| S66 | 31    | S58 and S64   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/02/06<br>13:19 |
| S67 | 2     | S66 and (IP\$sec adj3 tunnel)   | US-PGPUB;<br>USPAT           | OR | ON  | 2010/02/06<br>13:19 |
| S68 | 0     | S67 and (@ad< "20040329"<br>@rlad< "20040329")  | US-PGPUB;<br>USPAT           | OR | ON  | 2010/02/06<br>13:20 |
| S69 | 3     | S66 and (IP\$sec)   | US-PGPUB;<br>USPAT           | OR | ON  | 2010/02/06<br>13:20 |
| S70 | 0     | S69 and (@ad< "20040329"<br>@rlad< "20040329")  | US-PGPUB;<br>USPAT           | OR | ON  | 2010/02/06<br>13:20 |
| S71 | 10    | (US-20020067742-\$ or US-<br>20040030533-\$ or US-<br>20040139179-\$ or US-<br>20060264200-\$ or US-<br>20030177245-\$ or US-<br>20080189353-\$ or US-<br>20030182438-\$).did. or (US-<br>6556659-\$ or US-6795400-\$<br>or US-5623601-\$).did. | US-PGPUB;<br>USPAT           | OR | OFF | 2010/02/06<br>13:26 |
| S72 | 2     | S71 and (poll\$3 monitor\$3<br>check\$3)near5(stability status<br>condition)near5(device<br>element node router<br>gateway)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/02/06<br>13:29 |
| S73 | 17    | S63 and (poll\$3 monitor\$3<br>check\$3)near5(stability status<br>condition)near5(device<br>element node router<br>gateway)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/02/06<br>13:31 |
| S74 | 17558 | (poll\$3 monitor\$3 check\$3)<br>near5(stability status<br>condition)near5(device<br>element node router<br>gateway)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/02/06<br>13:32 |

|     |        |  |                        |    |     |                  |
|-----|--------|--|------------------------|----|-----|------------------|
| S75 | 1619   | S74 and ((IKE\$SA) (internet adj3 key adj3 exchange adj3 security adj3 association) (through\$put)(processor adj3 (utilization use))(toggle near3 (active stand\$by)near3 card))   | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/02/06 13:35 |
| S76 | 0      | S63 and (poll\$3 monitor\$3 check\$3)near5(stability status condition)near5(router gateway)  | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/02/06 13:35 |
| S77 | 654    | (poll\$3 monitor\$3 check\$3) near5(stability status condition)near5(router gateway)   | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/02/06 13:35 |
| S78 | 121    | S77 and ((IKE\$SA) (internet adj3 key adj3 exchange adj3 security adj3 association) (through\$put)(processor adj3 (utilization use))(toggle near3 (active stand\$by)near3 card))   | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/02/06 13:35 |
| S79 | 31     | S78 and ((health status condition)near5(report))   | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/02/06 13:36 |
| S80 | 1      | S77 and (((IKE\$SA) (internet adj3 key adj3 exchange adj3 security adj3 association) (through\$put)(processor adj3 (utilization use))(toggle near3 (active stand\$by)near3 card)) same((health status condition) near5(report))) | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/02/06 13:37 |
| S81 | 29     | S79 and (@ad< "20040329" @rlad< "20040329")  | US-PGPUB; USPAT        | OR | ON  | 2010/02/06 13:37 |
| S82 | 275502 | ((((IKE\$SA) (internet adj3 key adj3 exchange adj3 security adj3 association)(through\$put) (processor adj3 (utilization use))(toggle near3 (active stand\$by)near3 card)))  | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/02/06 18:37 |
| S83 | 37     | (operat\$3 adj3 parameter) near5(((IKE\$SA) (internet adj3 key adj3 exchange adj3 security adj3 association) (through\$put)(processor adj3 (utilization use))(toggle near3 (active stand\$by)near3 card)))                       | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/02/06 18:38 |
| S84 | 31     | S83 and (@ad< "20040329" @rlad< "20040329")  | US-PGPUB; USPAT        | OR | ON  | 2010/02/06 18:38 |



|     |     |   |                              |    |     |                     |
|-----|-----|---|------------------------------|----|-----|---------------------|
| S85 | 0   | (operat\$3 adj3 parameter)<br>near5(((IKE\$SA) and<br>((internet adj3 key adj3<br>exchange adj3 security adj3<br>association)(through\$put)<br>(processor adj3 (utilization<br>use))(toggle near3 (active<br>stand\$by)near3 card)))) | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/02/06<br>18:46 |
| S86 | 0   | (operat\$3 adj3 parameter)<br>near5(((IKE\$SA)(internet adj3<br>key adj3 exchange adj3<br>security adj3 association) and<br>((through\$put)(processor<br>adj3 (utilization use))(toggle<br>near3 (active stand\$by)near3<br>card))))  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/02/06<br>18:47 |
| S87 | 0   | (operat\$3 adj3 parameter)<br>near5((IKE\$SA)(internet adj3<br>key adj3 exchange adj3<br>security adj3 association))  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/02/06<br>18:48 |
| S88 | 0   | (operat\$3 adj3 parameter)<br>near5((IKE)(internet adj3 key<br>adj3 exchange))  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/02/06<br>18:49 |
| S89 | 0   | (operat\$3 adj3 parameter)<br>near5(((through\$put)and<br>(processor adj3 (utilization<br>use)) and (toggle near3<br>(active stand\$by)near3<br>card)))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/02/06<br>18:52 |
| S90 | 0   | (((through\$put)and<br>(processor adj3 (utilization<br>use)) and (toggle near3<br>(active stand\$by)near3<br>card)))  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/02/06<br>18:52 |
| S91 | 982 | (through\$put)and (processor<br>adj3 (utilization use))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/02/06<br>18:53 |
| S92 | 8   | (parameter)near5(through<br>\$put)and (processor adj3<br>(utilization use))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/02/06<br>18:53 |
| S93 | 6   | S92 and (@ad<"20040329"<br>@rlad<"20040329")  | US-PGPUB;<br>USPAT           | OR | ON  | 2010/02/06<br>18:53 |
| S94 | 0   | S93 and ((IKE)(internet adj3<br>key adj3 exchange))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/02/06<br>18:54 |
| S96 | 6   | S91 and ((IKE)(internet adj3<br>key adj3 exchange))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/02/06<br>18:54 |
| S97 | 5   | S96 and (@ad<"20040329"<br>@rlad<"20040329")  | US-PGPUB;<br>USPAT           | OR | ON  | 2010/02/06<br>18:54 |

|      |      |  |                        |    |     |                  |
|------|------|--|------------------------|----|-----|------------------|
| S98  | 854  | (inter\$network (inter adj2 network))near3(gateway router)   | US-PGPUB; USPAT        | OR | ON  | 2010/02/06 19:25 |
| S99  | 1704 | (inter\$network (inter adj2 network))near3(gateway router computer)  | US-PGPUB; USPAT        | OR | ON  | 2010/02/06 19:28 |
| S100 | 8    | S99 and(network near3 fault near3 management)  | US-PGPUB; USPAT        | OR | ON  | 2010/02/06 19:29 |
| S101 | 73   | S99 and(fault near3 management)  | US-PGPUB; USPAT        | OR | ON  | 2010/02/06 19:30 |
| S102 | 0    | S99 same(fault near3 management)   | US-PGPUB; USPAT        | OR | ON  | 2010/02/06 19:30 |
| S103 | 7    | (poll\$3 monitor\$3 check\$3 scan\$4)near5 S99   | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/02/06 19:31 |
| S104 | 6    | S103 and (@ad< "20040329" @rlad< "20040329")   | US-PGPUB; USPAT        | OR | ON  | 2010/02/06 19:31 |
| S105 | 91   | S99 and((fault near3 management)((health status stability) adj3 report\$3))  | US-PGPUB; USPAT        | OR | ON  | 2010/02/06 19:37 |
| S106 | 34   | S105 and (@ad< "20040329" @rlad< "20040329")   | US-PGPUB; USPAT        | OR | ON  | 2010/02/06 19:38 |
| S107 | 1531 | (inter\$network near5 communication)   | US-PGPUB; USPAT        | OR | ON  | 2010/02/06 19:49 |
| S108 | 346  | S107 and (internet and (((ATM (asynchronous adj2 transfer adj2 mode))adj2 network)(private adj2 internet adj2 protocol adj2 network) (internet adj2 protocol adj2 virtual adj2 private adj2 network)(frame adj3 relay))) | US-PGPUB; USPAT        | OR | ON  | 2010/02/06 19:52 |
| S109 | 346  | ((IKE\$SA) (internet adj2 key adj2 exchange))near5(discard \$4 use\$1 using utiliz\$4 appl \$4)  | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/02/07 10:02 |
| S110 | 201  | S109 and (@ad< "20040329" @rlad< "20040329")   | US-PGPUB; USPAT        | OR | ON  | 2010/02/07 10:02 |
| S111 | 12   | ((IKE\$SA) (internet adj2 key adj2 exchange))near5(discard \$4 use\$1 using utiliz\$4 appl \$4)near5(list\$3 record\$3 map \$4 identif\$4 identification)  | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/02/07 10:03 |
| S112 | 12   | ((IKE\$SA) (internet adj2 key adj2 exchange))near5(discard \$4 use\$1 using utiliz\$4 appl \$4)near5(list\$3 record\$3 map \$4 identif\$4 identification table)  | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/02/07 10:03 |
| S113 | 8    | S112 and (@ad< "20040329" @rlad< "20040329")   | US-PGPUB; USPAT        | OR | ON  | 2010/02/07 10:03 |

|      |      |   |                        |    |     |                  |
|------|------|---|------------------------|----|-----|------------------|
| S114 | 1    | S113 and ((VPN (virtual adj2 private adj2 network))((ATM (asynchronous adj2 transfer adj2 mode))adj2 network) (frame adj2 relay adj2 network)(private adj2 internet adj2 protocol adj2 network) (internet adj2 protocol adj2 virtual adj2 private adj2 network))and(tunnel channel (virtual adj2 channel))      | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/02/07 10:09 |
| S115 | 12   | ((IKE\$SA) (internet adj2 key adj2 exchange))near5(discard \$4 use\$1 using utiliz\$4 appl\$4 dead)near5(list\$3 record\$3 map\$4 identif\$4 identification table)  | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/02/07 10:27 |
| S116 | 12   | ((IKE\$SA) (internet adj2 key adj2 exchange))near5(discard \$4 use\$1 using utiliz\$4 appl\$4 dead)near5(list\$3 record\$3 map\$4 identif\$4 identification table count\$3)   | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/02/07 10:28 |
| S117 | 8    | S116 and (@ad<"20040329" @rlad<"20040329")  | US-PGPUB; USPAT        | OR | ON  | 2010/02/07 10:35 |
| S118 | 23   | ("20020059516"   "20020067742"   "20080189353"   "5097469"   "5546540"   "5615323"   "6115393"   "6115743"   "6126169"   "6192414"   "6278694"   "6320585"   "6363411"   "6377993"   "6470386"   "6490620"   "6515968"   "6556659"   "6556659"   "6598167"   "6606708"   "6615258"   "6631402"   "6697751").PN. | US-PGPUB; USPAT; USOCR | OR | ON  | 2010/07/22 13:21 |
| S119 | 1    | 10/811730   | US-PGPUB; USPAT        | OR | ON  | 2010/07/22 15:27 |
| S120 | 1    | S119 and(flow\$cach\$3)   | US-PGPUB; USPAT        | OR | ON  | 2010/07/22 15:27 |
| S121 | 1163 | ((inter)near3(gate\$way))(inter \$network\$3 near3 gateway)   | US-PGPUB; USPAT        | OR | ON  | 2010/07/22 16:39 |
| S122 | 48   | S121 and (manag\$6 and performance)near5(tool device modul\$3)  | US-PGPUB; USPAT        | OR | ON  | 2010/07/22 16:43 |
| S123 | 11   | S122 and((operational near3 support near3 systems)(OSS))  | US-PGPUB; USPAT        | OR | ON  | 2010/07/22 16:44 |
| S124 | 58   | S121 and((operational near3 support near3 systems)(OSS))  | US-PGPUB; USPAT        | OR | ON  | 2010/07/22 16:44 |

|      |      |   |                        |    |    |                  |
|------|------|---|------------------------|----|----|------------------|
| S125 | 178  | S121 and((Performance near3 management)(Network near3 performance)(Network near3 performance near3 management)) | US-PGPUB; USPAT        | OR | ON | 2010/07/22 16:46 |
| S126 | 32   | S125 and (manag\$6 and performance)near5(tool device modul\$3)  | US-PGPUB; USPAT        | OR | ON | 2010/07/22 16:46 |
| S127 | 11   | S126 and((operational near3 support near3 systems)(OSS))  | US-PGPUB; USPAT        | OR | ON | 2010/07/22 16:46 |
| S128 | 11   | S127 and (@ad<"20040329" @rlad<"20040329")  | US-PGPUB; USPAT        | OR | ON | 2010/07/22 16:47 |
| S129 | 11   | S126 and((operation\$3 near3 support near3 systems)(OSS))   | US-PGPUB; USPAT        | OR | ON | 2010/07/22 17:03 |
| S130 | 1163 | ((inter)near3(gate\$way))(inter\$network\$3 near3 gateway)  | US-PGPUB; USPAT        | OR | ON | 2010/07/22 17:08 |
| S131 | 178  | S130 and((Performance near3 management)(Network near3 performance)(Network near3 performance near3 management)) | US-PGPUB; USPAT        | OR | ON | 2010/07/22 17:08 |
| S132 | 32   | S131 and (manag\$6 and performance)near5(tool device modul\$3)  | US-PGPUB; USPAT        | OR | ON | 2010/07/22 17:08 |
| S133 | 11   | S132 and((operational near3 support near3 systems)(OSS))  | US-PGPUB; USPAT        | OR | ON | 2010/07/22 17:08 |
| S134 | 48   | S130 and (manag\$6 and performance)near5(tool device modul\$3)  | US-PGPUB; USPAT        | OR | ON | 2010/07/22 17:09 |
| S135 | 11   | S134 and((operational near3 support near3 systems)(OSS))  | US-PGPUB; USPAT        | OR | ON | 2010/07/22 17:09 |
| S136 | 58   | S130 and((operational near3 support near3 systems)(OSS))  | US-PGPUB; USPAT        | OR | ON | 2010/07/22 17:09 |
| S137 | 40   | (netexpert)   | US-PGPUB; USPAT; USOCR | OR | ON | 2010/07/22 17:10 |
| S138 | 10   | S137 and((operational near3 support near3 systems)(OSS))  | US-PGPUB; USPAT        | OR | ON | 2010/07/22 17:11 |
| S139 | 6    | S138 and (@ad<"20040329" @rlad<"20040329")  | US-PGPUB; USPAT        | OR | ON | 2010/07/22 17:11 |
| S140 | 511  | S139 and(((inter)near3(gate \$way))(inter\$network\$3 near3 gateway)  | US-PGPUB; USPAT        | OR | ON | 2010/07/22 17:15 |
| S141 | 0    | S139 and(((inter)near3(gate \$way))(inter\$network\$3 near3 gateway))   | US-PGPUB; USPAT        | OR | ON | 2010/07/22 17:15 |
| S142 | 1163 | ((((inter)near3(gate\$way))(inter\$network\$3 near3 gateway))   | US-PGPUB; USPAT        | OR | ON | 2010/07/22 17:54 |

|      |       |   |                 |    |    |                  |
|------|-------|---|-----------------|----|----|------------------|
| S143 | 85    | S142 same(((first near3 network)and(second near3 network))(different near3 network)(different near3 network near3 technolog\$4) (hy\$brid near3 network)) | US-PGPUB; USPAT | OR | ON | 2010/07/22 17:58 |
| S144 | 2     | S143 and((poll\$3 monitor\$3 check\$3)near5(S130))  | US-PGPUB; USPAT | OR | ON | 2010/07/22 17:59 |
| S146 | 2     | S144 and (@ad<"20040329" @rlad<"20040329")  | US-PGPUB; USPAT | OR | ON | 2010/07/22 17:59 |
| S147 | 60    | S142 same((different near3 network)(different near3 network near3 technolog\$4) (hy\$brid near3 network))   | US-PGPUB; USPAT | OR | ON | 2010/07/22 18:07 |
| S148 | 21601 | ((inter)near3(gate\$way router device switch))(inter\$network \$3 near3(gateway router device switch))  | US-PGPUB; USPAT | OR | ON | 2010/07/22 18:08 |
| S149 | 425   | S148 same(((first near3 network)and(second near3 network))(different near3 network)(different near3 network near3 technolog\$4) (hy\$brid near3 network)) | US-PGPUB; USPAT | OR | ON | 2010/07/22 18:08 |
| S150 | 8     | S149 and((operation\$3 near3 support near3 systems)(OSS))   | US-PGPUB; USPAT | OR | ON | 2010/07/22 18:09 |
| S151 | 0     | S149 and((poll\$3 monitor\$3 check\$3)near5(S148)near5 (status performance ((performance fault) near5 manag\$6)))   | US-PGPUB; USPAT | OR | ON | 2010/07/22 18:13 |
| S152 | 6     | S149 and((S148)near5(status performance ((performance fault) near5 manag\$6)))  | US-PGPUB; USPAT | OR | ON | 2010/07/22 18:13 |
| S153 | 4     | S152 and (@ad<"20040329" @rlad<"20040329")  | US-PGPUB; USPAT | OR | ON | 2010/07/22 18:14 |
| S154 | 87    | S149 and((poll\$3 monitor\$3 check\$3)near5(status performance ((performance fault) near5 manag\$6)))   | US-PGPUB; USPAT | OR | ON | 2010/07/22 18:43 |
| S155 | 2     | S153 and((poll\$3 monitor\$3 check\$3)near5(status performance ((performance fault) near5 manag\$6)))   | US-PGPUB; USPAT | OR | ON | 2010/07/22 18:43 |
| S156 | 110   | ((poll\$3 monitor\$3 check\$3) near5(S148)near5(status performance ((performance fault) near5 manag\$6)))   | US-PGPUB; USPAT | OR | ON | 2010/07/22 18:45 |

|      |   |   |                 |    |    |                  |
|------|---|---|-----------------|----|----|------------------|
| S157 | 0 | S156 and(((internet near3 key near3 exchange)(internet near3 key near3 exchange near3 security near3 association))and(toggl\$3 near5 card)and(processor near5 utilization)) | US-PGPUB; USPAT | OR | ON | 2010/07/22 18:48 |
| S158 | 0 | S156 and(((internet near3 key near3 exchange)(internet near3 key near3 exchange near3 security near3 association))and((toggl\$3 near5 card)(processor near5 utilization)))  | US-PGPUB; USPAT | OR | ON | 2010/07/22 18:48 |
| S159 | 0 | S156 and(((internet near3 key near3 exchange)(internet near3 key near3 exchange near3 security near3 association))(toggl\$3 near5 card))and(processor near5 utilization))   | US-PGPUB; USPAT | OR | ON | 2010/07/22 18:50 |
| S160 | 0 | S156 and(((internet near3 key near3 exchange)(internet near3 key near3 exchange near3 security near3 association))(toggl\$3 near5 card)(processor near5 utilization))       | US-PGPUB; USPAT | OR | ON | 2010/07/22 18:50 |
| S161 | 1 | S148 and(((internet near3 key near3 exchange)(internet near3 key near3 exchange near3 security near3 association))and(toggl\$3 near5 card)and(processor near5 utilization)) | US-PGPUB; USPAT | OR | ON | 2010/07/22 18:50 |
| S162 | 4 | S148 and(((internet near3 key near3 exchange)(internet near3 key near3 exchange near3 security near3 association))and((toggl\$3 near5 card)(processor near5 utilization)))  | US-PGPUB; USPAT | OR | ON | 2010/07/22 18:51 |
| S163 | 4 | S148 and(((internet near3 key near3 exchange)(internet near3 key near3 exchange near3 security near3 association))(toggl\$3 near5 card))and(processor near5 utilization))   | US-PGPUB; USPAT | OR | ON | 2010/07/22 18:51 |
| S164 | 3 | S162 and (@ad< "20040329" @rlad< "20040329")  | US-PGPUB; USPAT | OR | ON | 2010/07/22 18:51 |
| S165 | 3 | S163 and (@ad< "20040329" @rlad< "20040329")  | US-PGPUB; USPAT | OR | ON | 2010/07/22 18:51 |

|      |      |   |                              |    |    |                     |
|------|------|---|------------------------------|----|----|---------------------|
| S166 | 1    | (poll\$3 monitor\$3 check\$3)<br>near5(gateway router switch<br>bridge)near5(obtain\$4 acquir<br>\$5 collect\$4)near5(operat\$3)<br>near5(parameters)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2010/07/22<br>18:56 |
| S167 | 22   | (poll\$3 monitor\$3 check\$3)<br>near5(gateway router switch<br>bridge)near5(obtain\$4 acquir<br>\$5 collect\$4)near5(operat\$3<br>performance)near5<br>(parameters values statisc\$3<br>status)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2010/07/22<br>18:58 |
| S168 | 9    | S167 and (@ad< "20040329"<br>@rlad< "20040329")   | US-PGPUB;<br>USPAT           | OR | ON | 2010/07/22<br>18:58 |
| S169 | 167  | ((net\$expert)or(netcool))  | US-PGPUB;<br>USPAT           | OR | ON | 2010/07/22<br>19:04 |
| S170 | 1    | S169.ab.  | US-PGPUB;<br>USPAT           | OR | ON | 2010/07/22<br>19:04 |
| S171 | 151  | ((netexpert)or(netcool))  | US-PGPUB;<br>USPAT           | OR | ON | 2010/07/22<br>19:06 |
| S172 | 25   | S171 same((Performance<br>near3 management)(Network<br>near3 performance)(Network<br>near3 (performance fault)<br>near3 management))  | US-PGPUB;<br>USPAT           | OR | ON | 2010/07/22<br>19:08 |
| S173 | 16   | S172 and (@ad< "20040329"<br>@rlad< "20040329")   | US-PGPUB;<br>USPAT           | OR | ON | 2010/07/22<br>19:08 |
| S174 | 0    | "173" and (Report\$3)and<br>(network\$3 near5 report\$3)<br>and(stability near5 report\$3<br>near5 (device circuit gate<br>\$way router bridge fire\$wall))<br>and(report\$3 near5 (device<br>circuit gate\$way router bridge<br>fire\$wall)) | US-PGPUB;<br>USPAT           | OR | ON | 2010/07/22<br>22:28 |
| S175 | 4025 | "173" and (Report\$3)and<br>((network\$3 near5 report\$3)<br>(stability near5 report\$3<br>near5 (device circuit gate<br>\$way router bridge fire\$wall))<br>(report\$3 near5 (device<br>circuit gate\$way router bridge<br>fire\$wall)))     | US-PGPUB;<br>USPAT           | OR | ON | 2010/07/22<br>22:29 |
| S176 | 151  | ((netexpert)or(netcool))  | US-PGPUB;<br>USPAT           | OR | ON | 2010/07/22<br>22:29 |
| S177 | 25   | S176 same((Performance<br>near3 management)(Network<br>near3 performance)(Network<br>near3 (performance fault)<br>near3 management))  | US-PGPUB;<br>USPAT           | OR | ON | 2010/07/22<br>22:29 |
| S178 | 16   | S177 and (@ad< "20040329"<br>@rlad< "20040329")   | US-PGPUB;<br>USPAT           | OR | ON | 2010/07/22<br>22:29 |

|      |      |  |                              |    |     |                     |
|------|------|--|------------------------------|----|-----|---------------------|
| S179 | 16   | S178 and (Report\$3)and<br>((network\$3 near5 report\$3)<br>(stability near5 report\$3<br>near5 (device circuit gate<br>\$way router bridge fire\$wall))<br>(report\$3 near5 (device<br>circuit gate\$way router bridge<br>fire\$wall)))     | US-PGPUB;<br>USPAT           | OR | ON  | 2010/07/22<br>22:29 |
| S180 | 0    | S178 and (Report\$3)and<br>(network\$3 near5 report\$3)<br>and(stability near5 report\$3<br>near5 (device circuit gate<br>\$way router bridge fire\$wall))<br>and(report\$3 near5 (device<br>circuit gate\$way router bridge<br>fire\$wall)) | US-PGPUB;<br>USPAT           | OR | ON  | 2010/07/22<br>22:29 |
| S181 | 16   | S178 and((network\$3 near5<br>report\$3)(stability near5<br>report\$3 near5 (device circuit<br>gate\$way router bridge fire<br>\$wall))(report\$3 near5<br>(device circuit gate\$way<br>router bridge fire\$wall)))                          | US-PGPUB;<br>USPAT           | OR | ON  | 2010/07/22<br>22:30 |
| S182 | 0    | S181 and(network near5<br>different near5 (technologies<br>protocol))  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2010/07/22<br>22:36 |
| S183 | 0    | S181 and(network near5<br>different near5 (technologies<br>protocol standard))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2010/07/22<br>22:36 |
| S184 | 0    | S181 and(network near5<br>(different multiple various)<br>near5 (technologies protocol<br>standard))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2010/07/22<br>22:37 |
| S185 | 0    | S181 and(network near10<br>(different multiple various)<br>near10 (technologies protocol<br>standard))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2010/07/22<br>22:37 |
| S186 | 3    | S181 and((different multiple<br>various) near10 (technologies<br>protocol standard))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2010/07/22<br>22:37 |
| S187 | 12   | S181 and((send\$3 reciev\$3<br>transmit\$4)near5(message<br>data packet))  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2010/07/22<br>22:52 |
| S188 | 6086 | (inter near5(gateway router<br>bridge))(inter\$network\$3<br>near5(gateway router<br>bridge))  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2010/07/22<br>23:28 |
| S189 | 1199 | S188 and ((IKE\$SA) (internet<br>adj3 key adj3 exchange adj3<br>security adj3 association)<br>(through\$put)(processor adj3<br>(utilization use))(toggle near3<br>(active stand\$by)near3 card))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/07/22<br>23:31 |



|      |     |   |                              |    |     |                     |
|------|-----|---|------------------------------|----|-----|---------------------|
| S190 | 0   | S188 and ((IKE\$SA) (internet adj3 key adj3 exchange adj3 security adj3 association)and (through\$put)and(processor adj3 (utilization use))adj3 (toggle near3 (active stand \$by)near3 card)) | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/07/22<br>23:31 |
| S191 | 0   | S188 and ((IKE\$SA) (internet adj3 key adj3 exchange adj3 security adj3 association)and (through\$put)and(processor adj3 (utilization use))and (toggle near3 (active stand \$by)near3 card))  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/07/22<br>23:31 |
| S192 | 1   | S188 and ((IKE\$SA) (internet adj3 key adj3 exchange adj3 security adj3 association)and ((processor adj3 (utilization use))(toggle near3 (active stand\$by)near3 card)))                      | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/07/22<br>23:32 |
| S193 | 1   | S188 and ((IKE\$SA) (internet adj3 key adj3 exchange adj3 security adj3 association)and ((processor near5 (utilization use))(toggle near3 (active stand\$by)near3 card)))                     | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/07/22<br>23:33 |
| S194 | 1   | S188 and ((IKE\$SA) (internet adj3 key adj3 exchange adj3 security adj3 association)and (((processor cpu computer) near5 (utilization use))(toggle near3 (active stand\$by)near3 card)))      | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/07/22<br>23:34 |
| S195 | 1   | S188 and ((IKE\$SA) (internet adj3 key adj3 exchange adj3 security adj3 association)and (((processor cpu computer) near5 (utilization use))(toggle near3 card)))                              | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/07/22<br>23:34 |
| S196 | 151 | S188 and (((processor cpu computer) near5 (utilization use))(toggle near3 card)))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/07/22<br>23:36 |
| S197 | 151 | S188 and (((processor cpu computer) near5 (utilization use))(toggle near3 card)))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/07/22<br>23:36 |
| S198 | 69  | S188 and (((processor near5 (utilization use))(toggle near3 (active stand\$by)near3 card)))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/07/22<br>23:37 |
| S199 | 63  | S198 and (@ad< "20040329" @rlad< "20040329")  | US-PGPUB;<br>USPAT           | OR | ON  | 2010/07/22<br>23:37 |

|      |    |  |                              |    |     |                     |
|------|----|--|------------------------------|----|-----|---------------------|
| S200 | 0  | S188 and (((processor near5 (utilization use))and(toggle near3 (active stand\$by)near3 card)))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/07/22<br>23:50 |
| S201 | 0  | S188 and (((processor near5 (utilization use))and(toggle near3 card)))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/07/22<br>23:50 |
| S202 | 0  | (toggle near3 (active stand \$by)near3 card)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/07/22<br>23:51 |
| S203 | 0  | (toggle near5 (active stand \$by)near5 card)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/07/22<br>23:52 |
| S204 | 1  | (toggle near5 (active stand \$by)near5 card)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2010/07/22<br>23:52 |
| S205 | 5  | ((IKE\$SA) (internet adj3 key adj3 exchange adj3 security adj3 association))near5(used util\$6)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/07/22<br>23:55 |
| S206 | 1  | S205 and (@ad< "20040329" @rlad< "20040329")   | US-PGPUB;<br>USPAT           | OR | ON  | 2010/07/22<br>23:55 |
| S207 | 1  | S206 and (expir\$4 (non \$2active)(active))  | US-PGPUB;<br>USPAT           | OR | ON  | 2010/07/22<br>23:57 |
| S208 | 0  | S199 and (Flow\$cach\$3)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2010/07/23<br>00:02 |
| S209 | 15 | S199 and (Flow\$cach\$3 (rout \$3 near3 table)(connection near5(table list)))  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2010/07/23<br>00:05 |
| S210 | 2  | S181 and (Flow\$cach\$3 (rout \$3 near3 table)(connection near5(table list)))  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2010/07/23<br>00:12 |
| S211 | 22 | (US-20020067742-\$ or US-20040030533-\$ or US-20040139179-\$ or US-20060264200-\$ or US-20030177245-\$ or US-20080189353-\$ or US-20030182438-\$ or US-20030050055-\$ or US-20020059516-\$ or US-20030123446-\$ or US-20040151129-\$ or US-20040266426-\$ or US-20090245122-\$ or US-20070160201-\$).did. or (US-6556659-\$ or US-6795400-\$ or US-5623601-\$ or US-6571285-\$ or US-6115393-\$ or US-5748633-\$ or US-6490620-\$ or US-7225249-\$). | US-PGPUB;<br>USPAT           | OR | ON  | 2010/07/23<br>00:53 |

|      |   |   |                              |    |    |                     |
|------|---|---|------------------------------|----|----|---------------------|
|      |   | did.  |                              |    |    |                     |
| S212 | 5 | S211 and((processor<br>computer cpu)near8<br>(utilization use)) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2010/07/23<br>00:54 |

**12/ 15/ 2010 12:47:09 PM**

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